

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-9. (Canceled)

10. An apparatus for flipping a product, said apparatus comprising:

an end roller;

a first conveyor, wherein said first conveyor translates about said end roller,
thereby forming a convex terminal end; and

a second conveyor having a curved path, wherein said curved path has an
essentially horizontal axis of rotation, and further wherein said curved path defines a
concavity;

~~The flipping apparatus of claim 1~~ wherein:

said convex terminal end of said first conveyor is positioned in a nested
arrangement with said concavity, thereby defining a channel for product to pass
therethrough and turn over;

said end roller comprises a grooved roller having at least two larger
diameter sections interspersed along the length of the grooved roller by at least
one smaller diameter section;

said first conveyor is supported by and rotates about said at least one
smaller diameter section; and

said second conveyor is supported by and rotates about said at least two
larger diameter sections, thereby forming said curved path.

11. The flipping apparatus of claim 10 wherein said first conveyor comprises a plurality of endless belts.

12. The flipping apparatus of claim 10 wherein said first conveyor comprises a plurality of endless cords.

13-23. (Canceled)

24. An apparatus for flipping a product, said apparatus comprising:

a first conveyor having a terminal end;

a second conveyor having a curving surface portion on one side axial to said terminal end of said first conveyor, wherein said first conveyor and said second conveyor are positioned so that the terminal end of said first conveyor and the curving surface portion of said second conveyor define at least one channel for product to pass therethrough and turn over; and

~~The flipping apparatus of claim 15 further comprising~~ a grooved roller having at least two larger diameter sections interspersed along the length of the grooved roller by at least one smaller diameter section, wherein said first conveyor is supported by and rotates about said at least one smaller diameter section, and further wherein said second conveyor is supported by and rotates about said at least two larger diameter sections, thereby defining said at least one channel.

25. The flipping apparatus of claim 24 wherein said first conveyor further comprises a plurality of endless belts.

26. The flipping apparatus of claim 24 wherein said first conveyor further comprises a plurality of cords.

27-29. (Canceled)